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(54) Title: MEMBRANE ATTACK COMPLEXES ASSOCIATED WITH CIRCULATING IMMUNE COMPLEXES

(57) Abstract: The invention relates to demonstrate the presence of non covalently linked complement proteins with CIC. Invention demonstrate the presence of C5 and MAC on CIC. The invention provides methods to measure M complement proteins C1q, C3, C4, C5 bound to CIC as markers of disease activity and pathogenicity for complement and CIC mediated diseases. The invention also relates to modifications and blocking of formation of MAC on the CIC by developing a useful reagent that can be monoclonal antibody, active molecule, mimotope or peptide molecule. The invention describes usefulness to reduce the non-covalent complement components, formation of MAC and association of C5 to CIC for therapeutic application in pathological disease with involvement of CIC and complement.



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